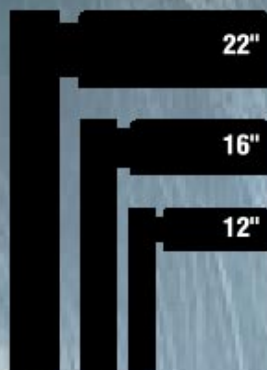


## FIXTURES

# Square Series



12" Square x 5" deep  
16" Square x 6.5" deep  
22" Square x 9.25" deep



**RUUD**  
**LIGHTING**  
An Advanced Lighting Technologies Company

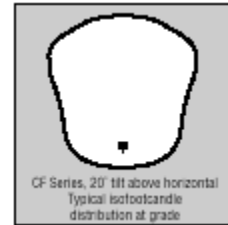
# FIXTURES

## Flood Light Optics



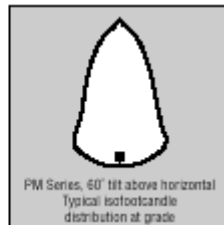
### Standard Floodlight - FS Series

A general purpose floodlight, the FS Series is typically installed with a 45° to 60° tilt above horizontal to provide a wide coverage of illumination. The FS Series is ideal for large open areas and facade applications.



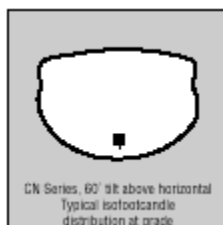
### Cutoff Floodlight - CF Series

This cutoff luminaire has an optical system specifically designed to assure maximum main beam projection, while minimizing spill light. It is generally positioned with a 15–25° tilt above horizontal to reduce glare and obtain optimum performance. The CF Series can be used for parking lots, and outdoor sports areas (volleyball, tennis courts, etc.).



### Parabolic Medium and Narrow Floodlights PM and PN Series

The smooth aluminum reflector of both the Medium and the Narrow optics have the same shape. The difference in their performance is achieved by varying the reflector material. The Medium Parabolic Floodlight uses a diffuse reflector; the Narrow Parabolic Floodlight uses a bright anodized reflector. The PM and PN Series are ideal for illuminating tall, narrow subjects such as flagpoles, steeples, columns and signs.

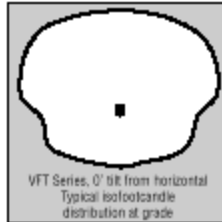


### Narrow Beam Cutoff Floodlight - CN Series

The specular aluminum reflector of the CN Series provides narrow vertical and wide horizontal distribution. Recommended tilt of this fixture is 60° above horizontal. The CN Series is ideal for lighting sports fields and building facades.

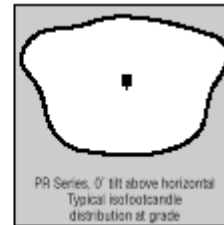
# FIXTURES

## Area Lighting Optics



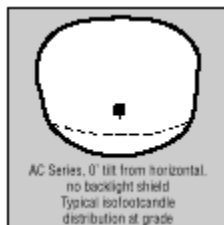
### Vertical Forward Throw - VFT Series

The VFT Series features a 70° main beam. Inside the housing, the lamp is tilted 20° from vertical toward house-side. It provides excellent uniformity and house-side cutoff, low nadir candlepower and great forward and lateral distribution. The VFT Series is ideal for use in wide roadway areas and large parking areas.



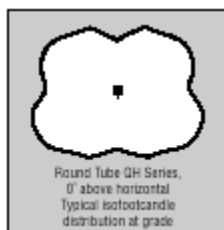
### Parking/Roadway Light - PR Series

The PR Series reflector provides wide side to side and moderate front distribution. The 16" sq. housing is field-adjustable Type II or Type III. The PR Series is ideally suited for roadway applications, parking areas or for building mounted security lighting.



### Area Cutoff Light - AC Series

This compact forward-throw reflector has a main beam of 60°+ from vertical (30° from horizontal), providing wide lateral distribution and improved uniformities. A Backlight Shield accessory (standard on Wall Mount) permits precise cutoff adjustability. The AC Series can be used for parking lots, auto sales lots and tennis courts.



### Quadrate Vertical and Horizontal Lamp Post Top Lights QV and QH Series

The QV and QH Series fixtures are available with two mounting styles, and provide great quadrate distribution and uniformities with optimum pole spacings. The QV and QH Series are ideal for parking lots.



# FIXTURES

## Installation Simplified

Your efforts installing these fixtures are reduced due to three primary design considerations. The first is that all fixtures come complete with the lamp already inside the fixture. This eliminates the coordination of lamp shipment and assures you that the right lamp is provided. The second is simplicity of mounting designs. For example, with the 2" Adjustable Fitter, just two set screws are needed. And they face you, rather than being located on all four sides of the fitter. The third feature is the patented "internal" hinging system which automatically positions the lens assembly when it is closed. This requires only two stainless steel screws to secure the lens assembly.

## Less Wind Loading

Computer designed optics using compact lamps and superior heat dissipation techniques allow the compact size of our square housings. Size and shape reduce wind load, resulting in cost savings when determining pole specifications.

## Longer Fixture Life

All products are standard with Ruud's exclusive DeltaGuard<sup>®</sup> finish, featuring an E-coat epoxy primer and a bronze acrylic powder topcoat. The acrylic finish is resistant to the degrading effects of the ultraviolet radiation from the sun and other environmental factors.

## Weather-tight Housing

The aluminum housing is manufactured with the latest die casting technology. This unique styling allows straight wall sections. The die cast door frame has a high temperature silicone gasket and high impact strength tempered glass lens. The lens frame is supplied with mounting holes for field-installed accessories.

## Structural Integrity

Internal ribbing is designed into the housing to distribute structural loads. This allows the fixture to be mounted in any operating position without any wall distortion. Typical fixture leaks are eliminated. The internal structure also prevents fatigue failure of the housing.

The following pages provides the most common Ruud Lighting part number constructions using the part numbering logic from the chart below. National Stock Numbers (NSNs) have been assigned to these common configurations. For additional or custom configurations using the optional constructions available for each series, please contact the DISC Lighting Team at 1-800-DLA-BULB for assistance.

## Ruud Lighting Flood and Area Lights Square Series Catalog Number Logic

